LABDEX

Vertical Autoclave LX130VA

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Description

Vertical Autoclave LX130VA is designed with a 60-liter capacity fast-speed microcomputer controlled system with an eight-column evenly distributed mechanical interlocking system. It has an in-built automatic water-feeding cooling fan and drying mode for different types of sterilization cycles such as sterilizing, warming and drying of solids and liquids, the melting and warming of agars. Equipped embedded steam collector and water tank with exhaust mode. It provides automatic protection with a water level sensor, overpressure, cooling lock, dry scorch, temperature, safety valve, short circuit and anti-scald chamber leakage.

Specifications

Capacity	60 L
Control	Microcomputer
Display	Digital operable control panel
Number of baskets	2
Sterilization temperature	105 °C to 138 °C
Working environment temperature	5 °C to 45 °C
Temperature accuracy	0.1 °C
Sterilization time range	1 to 6000 minutes
Melting temperature	60°C - 100°C
Melting time range	1 to 6000 minutes
Drying temperature	80 °C to 140 °C
Drying time range	1 to 300 minutes
Warming temperature	45°C - 60°C
Warming time range	1 to 9999 minutes
Cooling lock open temperature	40-80°C for liquid cycle, 40°C-99°C for other cycles
Pressure gauge display	-0.1 MPa to 0.5 MPa
Maximum working pressure	0.27 Mpa
Design pressure	0.35 Mpa

Chamber material	SUS 304
Steam collector	Embedded steam collector
Water tank	28 L tank
Sterilization cycle	Solid, liquid, liquid with warming, agar, solid with drying, medical waste and customized cycles
Sterilization cycle number	Up to 60 cycles
Power supply	2900 W
Current supply	16 A
Voltage supply	AC 220 V, 50/60 Hz
Chamber dimension (D × H)	ϕ 400 mm × 505 mm
Stainless steel basket dimension (D × H)	(ϕ 360 mm × 200 mm) × 2
Dimensions (L × W × H)	660 × 644 × 980 mm
Packing Dimensions (L × W × H)	790 × 780 × 1120 mm
Gross Weight	85 kg

Features

- Fast-speed microcomputer intelligent control system
- Came with a heavy gauge sterilization chamber with a diameter of 40cm provides a large space to ensure various sterilizing requirements
- Eight-column evenly distributed mechanical interlocking system
- Drying mode consists of Automatic water feeding +cooling fan +drying
- Automatic internal discharging exhaust mode with steam collector bottle
- Specially designed for solid with drying function sterilization cycle
- Sterilization cycle up to 60 cycles
- Made up of SUS 304 chamber material
- Up and Down lid opening type
- Consists of auto start up to 6 days and preset range of timer
- Water level sensor, leakage cooling lock, over-pressure protection

- Temperature monitor, anti-scald chamber and short circuit protection
- Cooling lock open temperature feature
- Sterilization cycle: Solid, liquid, liquid with warming, agar, solid with drying, medical waste and customized cycles

Applications

- Used in Biotechnology, microbiology, the medical and healthcare industry, scientific research centers, schools, colleges, and universities for the sterilizing process.

Standard Accessories

- Drainage hose
- Water plate
- Exhaust bottle

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